

## CONDUIT AND CABLE SCHEDULE STAGE II AND III

CONDUIT DESIGNATION		CIRCUIT No.	FROM	TO	SERVICE	CONDUIT		CABLE (PER CDT.) OR BUSWAY		REMARKS		CONDUIT DESIGNATION	CIRCUIT No.	FROM	TO	SERVICE	CONDUIT		CABLE (PER CDT.) OR BUSWAY		REMARKS								
						NUMBER OF SETS	SIZE	NUMBER & SIZE	TYPE								NUMBER OF SETS	SIZE	NUMBER & SIZE	TYPE									
MEDIUM VOLTAGE 15KV CABLE												(SEE DWG. #E-39, RISER DIAGRAM)																	
PF-A1C	—	EXIST. 15KV SPLICE CABINET	BKR. #HV-B1	13.8KV	1	4"	3-350MCM 1-#1/0	EPR GND.	"Y" SPLICE TO EXISTING RISER CABLE	R-4	1-4	SWGR. BUS #1	ATS-75NR	480V	4	3"	3-500MCM 1-#1/0	EPR GND.	"Y" SPLICE TO EXISTING RISER CABLE	R-5	2-4	SWGR. BUS #2	MCC-MN75R	480V	3	3 1/2"	3-500MCM 1-#1/0	EPR GND.	"Y" SPLICE TO EXISTING RISER CABLE
PF-A1C TEMP	—	BKR. #HV-B1	EXIST. TR-1	13.8KV	1	4"	3-350MCM 1-#1/0	EPR GND.	TEMPORARY FDR.	R-4	—	ATS-75NR	SWGR. BUS #EL	480V	4	3"	3-500MCM 1-#1/0	EPR GND.	TEMPORARY FDR.	R-8	1-3	SWGR. BUS #1	EXIST. P.B. #3	480V	1	3 1/2"	3-500MCM 1-#1/0	EPR GND.	"Y" SPLICE TO EXISTING RISER CABLE
PF-A2C	—	EXIST. 15KV SPLICE CABINET	BKR. #HV-B2	13.8KV	1	4"	3-350MCM 1-#1/0	EPR GND.	"Y" SPLICE TO EXISTING RISER CABLE	R-5	2-4	SWGR. BUS #2	MCC-MN75R	480V	3	3 1/2"	3-500MCM 1-#1/0	EPR GND.	"Y" SPLICE TO EXISTING RISER CABLE	R-8	1-3	SWGR. BUS #1	EXIST. P.B. #3	480V	1	3 1/2"	3-500MCM 1-#1/0	EPR GND.	TEMPORARY FDR.
PF-A2C TEMP	—	BKR. #HV-B2	EXIST. TR-2	13.8KV	1	4"	3-350MCM 1-#1/0	EPR GND.	TEMPORARY FDR.	R-8	1-3	SWGR. BUS #1	EXIST. P.B. #3	480V	1	3 1/2"	3-500MCM 1-#1/0	EPR GND.	TEMPORARY FDR.	R-8	1-3	SWGR. BUS #1	EXIST. P.B. #3	480V	1	3 1/2"	3-500MCM 1-#1/0	EPR GND.	"Y" SPLICE TO EXISTING RISER CABLE
PF-A3C	—	EXIST. 15KV SPLICE CABINET	BKR. #HV-B3	13.8KV	1	4"	3-350MCM 1-#1/0	EPR GND.	"Y" SPLICE TO EXISTING RISER CABLE	R-8	2-3	SWGR. BUS #2	EXIST. PONYA ATS-70	480V	1	3 1/2"	3-500MCM 1-#1/0	EPR GND.	"Y" SPLICE TO EXISTING RISER CABLE	R-8	2-3	SWGR. BUS #2	EXIST. P.B. #1	480V	1	3 1/2"	3-500MCM 1-#1/0	EPR GND.	TEMPORARY FDR.
PF-A3C TEMP	—	BKR. #HV-B3	EXIST. TR-3	13.8KV	1	4"	3-350MCM 1-#1/0	EPR GND.	TEMPORARY FDR.	R-8	2-3	SWGR. BUS #2	EXIST. P.B. #1	480V	1	2 1/2"	3-500MCM 1-#1/0	EPR GND.	TEMPORARY FDR.	R-8	2-3	SWGR. BUS #2	EXIST. P.B. #1	480V	1	2 1/2"	3-500MCM 1-#1/0	EPR GND.	TEMPORARY FDR.
PF-A4C	—	EXIST. 15KV SPLICE CABINET	BKR. #HV-B4	13.8KV	1	4"	3-350MCM 1-#1/0	EPR GND.	"Y" SPLICE TO EXISTING RISER CABLE	R-8	2-3	SWGR. BUS #2	EXIST. P.B. #1	480V	1	2 1/2"	3-500MCM 1-#1/0	EPR GND.	"Y" SPLICE TO EXISTING RISER CABLE	R-8	2-3	SWGR. BUS #2	EXIST. P.B. #1	480V	1	2 1/2"	3-500MCM 1-#1/0	EPR GND.	TEMPORARY FDR.
PF-A4C TEMP	—	BKR. #HV-B4	EXIST. TR-4	13.8KV	1	4"	3-350MCM 1-#1/0	EPR GND.	TEMPORARY FDR.	R-8	2-3	SWGR. BUS #2	EXIST. P.B. #1	480V	1	2 1/2"	3-500MCM 1-#1/0	EPR GND.	TEMPORARY FDR.	R-8	2-3	SWGR. BUS #2	EXIST. P.B. #1	480V	1	2 1/2"	3-500MCM 1-#1/0	EPR GND.	TEMPORARY FDR.
FDR'S — TRANSFER FROM EXIST. SWGR "L" BUS												(SEE DWG. #E-40, ONE LINE DIAGRAM)																	
L-1	3-5	SWGR. BUS #3	ATS-75NL	480V	5	3 1/2"	3-500MCM 1-250MCM	XHHW-2 GND.	—	R-10	EL-1	SWGR. BUS #EL	EXIST. P.B. #1	480V	1	2 1/2"	3-500MCM 1-250MCM	XHHW-2 GND.	—	R-10	EL-1	SWGR. BUS #EL	EXIST. P.B. #1	480V	1	2 1/2"	3-500MCM 1-250MCM	XHHW-2 GND.	—
—	—	ATS-75NL	EDP #EL-A76W	480V	5	3 1/2"	3-500MCM 1-250MCM	XHHW-2 GND.	◇ VIA P.B. #6, USING EXIST. 3 1/2" C. FROM P.B. #6 TO PNL.	R-11	EL-2	SWGR. BUS #EL	EXIST. P.B. #1	480V	1	3 1/2"	3-500MCM 1-250MCM	XHHW-2 GND.	—	R-11	EL-2	SWGR. BUS #EL	EXIST. P.B. #1	480V	1	3 1/2"	3-500MCM 1-250MCM	XHHW-2 GND.	—
L-3-TEMP	4-3	SWGR. BUS #4	EXISTING TRANSF. #TR-L3	480V	2	3 1/2"	3-500MCM 1-#2/D	XHHW-2 GND.	◇ PROVIDE CABLE LUGS AT SWGR. BREAKER	R-12	EL-3	SWGR. BUS #EL	EXIST. P.B. #1	480V	1	3 1/2"	3-500MCM 1-#2/D	XHHW-2 GND.	—	R-12	EL-3	SWGR. BUS #EL	EXIST. P.B. #1	480V	1	3 1/2"	3-500MCM 1-#2/D	XHHW-2 GND.	—
L-3	4-1	SWGR. BUS #4	TRANSF. #TR-L3	480V	2	3 1/2"	3-500MCM 1-#2/D	XHHW-2 GND.	—	R-13	EL-4	SWGR. BUS #EL	ELEV. DISTRIBUTION PNL #EL-A76W	480V	2	3"	3-500MCM 1-#2/D	XHHW-2 GND.	—	R-13	EL-4	SWGR. BUS #EL	ELEV. DISTRIBUTION PNL #EL-A76W	480V	2	3"	3-500MCM 1-#2/D	XHHW-2 GND.	—
L-3	—	CB-L3	EXIST. 1600A BUSWAY	208/120V	1	—	2000A BUSWAY	36 F.N. GND.	◇	EMERG. POWER FDR'S FROM ELEC.																			
L-4a	4-2	SWGR. BUS #4	BUSWAY CAP	480/277V	1	—	2000A BUSWAY	36 F.N. GND.	◇	A-2	—	EXIST. POW. PNL EPC-75A	ATS-75NL	480V	2	3 1/2"	3-500MCM 1-#1/D	XHHW-2 GND.	—	A-2	—	EXIST. POW. PNL EPC-75A	ATS-75NL	480V	2	3 1/2"	3-500MCM 1-#1/D	XHHW-2 GND.	—
L-4b	3-2	SWGR. BUS #3	EXIST. 1600A BUSWAY	480/277V	1	—	2000A BUSWAY	36 F.N. GND.	◇	A-3	—	EXIST. POW. PNL EPC-75A	EXIST. P.B. #1	480V	1	2"	3-500MCM 1-#1/D	XHHW-2 GND.	—	A-3	—	EXIST. POW. PNL EPC-75A	EXIST. P.B. #1	480V	1	2"	3-500MCM 1-#1/D	XHHW-2 GND.	—
L-5	3-4	SWGR. BUS #3	P.B. #9	480V	1	3 1/2"	3-500MCM 1-#1/D	XHHW-2 GND.	◇	A-3	—	EXIST. P.B. #1	ATS-75NR	480V	1	2"	3-500MCM 1-#1/D	XHHW-2 GND.	—	A-3	—	EXIST. P.B. #1	ATS-75NR	480V	1	2"	3-500MCM 1-#1/D	XHHW-2 GND.	—
L-7	4-4	SWGR. BUS #4	MCC-MN75L	480V	3	3 1/2"	3-500MCM 1-#3/D	XHHW-2 GND.	—	E-CP-75N	—	PANEL #E-75A	P.B. "A"	208V	1	1 1/4"	2-500MCM 1-#3/D	XHHW-2 GND.	—	E-CP-75N	—	PANEL #E-75A	P.B. "A"	208V	1	1 1/4"	2-500MCM 1-#3/D	XHHW-2 GND.	—
L-8	4-6	SWGR. BUS #4	EXIST. FIRE PUMP CONTROL STATION	480V	2	3"	3-350MCM 1-#2/D	XHHW-2 GND.	◇	E-CP-75N	—	P.B. "A"	DISC. SW. NORM. & U.P.S.	208V	1	1 1/4"	3-350MCM 1-#2/D	XHHW-2 GND.	—	E-CP-75N	—	P.B. "A"	DISC. SW. NORM. & U.P.S.	208V	1	1 1/4"	3-350MCM 1-#2/D	XHHW-2 GND.	—
R-1-TEMP	3-3	SWGR. BUS #3	EXISTING TRANSF. #TR-R1	480V	2	3 1/2"	3-500MCM 1-#2/D	XHHW-2 GND.	◇ PROVIDE CABLE LUGS AT SWGR. BREAKER	UPS-75N	—	U.P.S.	PANEL CP-75N	120/240V	1	1 1/4"	3-500MCM 1-#2/D	XHHW-2 GND.	—	UPS-75N	—	U.P.S.	PANEL CP-75N	120/240V	1	1 1/4"	3-500MCM 1-#2/D	XHHW-2 GND.	—
FDR'S — TRANSFER FROM EXIST. SWGR "R" BUS												(SEE DWG. #E-40, ONE LINE DIAGRAM)																	
R-1	2-1	SWGR. BUS #2	TRANSF. #TR-R1	480V	2	3 1/2"	3-500MCM 1-#2/D	XHHW-2 GND.	—	CP-75-RP	—	CB-UPS-75A	PULL BOX	120/240V	1	1 1/4"	3-500MCM 1-#2/D	XHHW-2 GND.	—	CP-75-RP	—	CB-UPS-75A	PULL BOX	120/240V	1	1 1/4"	3-500MCM 1-#2/D	XHHW-2 GND.	—
R-1	—	CB-R1	EXIST. 1600A BUSWAY	208/120V	1	—	2000A BUSWAY	36 F.N. GND.	◇	E-SR-75W	—	PANEL #E-75A	PULL BOX	208/120V	1	2"	3-500MCM 1-#1/D	XHHW-2 GND.	—	E-SR-75W	—	PANEL #E-75A	PULL BOX	208/120V	1	2"	3-500MCM 1-#1/D	XHHW-2 GND.	—
R-2a	1-2	SWGR. BUS #1	EXIST. 2000A BUSWAY	480/277V	1	—	2000A BUSWAY	36 F.N. GND.	◇	TEMPORARY 480/277V. BUS																			
R-2b	2-2	SWGR. BUS #2	EXIST. 1600A BUSWAY	480/277V	1	—	2000A BUSWAY	36 F.N. GND.	◇	T.B.	1-2	SWGR. BUS #3 4000A 600V BUSWAY	EXIST. COLLECTOR BUSWAY	480/277V	1	—	4000A 600V BUSWAY	—	T.B.	1-2	SWGR. BUS #3 4000A 600V BUSWAY	EXIST. COLLECTOR BUSWAY	480/277V	1	—	4000A 600V BUSWAY	—	—	
R-3	2-7	SWGR. BUS #2	EXIST. P.B. #1	480V	1	3 1/2"	3-500MCM 1-#1/D	XHHW-2 GND.	◇																				